



Company: Jay Bee Oil & Gas
 Well: P6S3U
 Location: Pleasants Co., WV
 Rig: Patterson 582
 API No: 47-073-02604-00-00
 Start Date: 08/08/22 Start Depth: 395

Job Number: 70007 Calculation Method: Minimum Curvature
 Magnetic Declination: -8.172 Proposed Azimuth: 156.18
 Grid Correction: -1.018 Depth Ref: RKB 913 ft Plan # 5
 Total Correction: -7.154 Field: Utica
 North reference: Grid Location Lat/Long: 39.4189671, -81.0953893
 End Date: 09/03/22 End Depth: 18452

Survey Tool Type	Bit Depth (ft)	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Direction	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Local Coordinates (+N/-S) (ft)	Local Coordinates (+E/-W) (ft)	Closure Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')	Run #
TIP	0.00	0.00	0.00	0.00	N 0.0 E	0	0.00	0	0.00	0.00	0	0	0	0	0	0
Gyro	50	50	0.23	340.39	N 19.6 W	50	50.00	-0.10	0.09	-0.03	0.10	340.39	0.46	0.46	-39.22	0
Gyro	100	100	0.18	339.83	N 20.2 W	50	100.00	-0.28	0.26	-0.09	0.28	340.23	0.10	-0.10	-1.12	0
Gyro	150	150	0.26	300.31	N 59.7 W	50	150.00	-0.45	0.39	-0.22	0.45	330.87	0.33	0.16	-79.04	0
Gyro	200	200	0.45	301.40	N 58.6 W	50	200.00	-0.70	0.55	-0.48	0.74	318.77	0.38	0.38	2.18	0
Gyro	250	250	0.41	298.04	N 62.0 W	50	250.00	-1.00	0.74	-0.81	1.10	312.39	0.09	-0.08	-6.72	0
Gyro	300	300	0.40	331.30	N 28.7 W	50	300.00	-1.32	0.98	-1.05	1.44	312.88	0.46	-0.02	66.52	0
Gyro	349	349	0.43	321.18	N 38.8 W	49	348.99	-1.67	1.27	-1.25	1.78	315.47	0.16	0.06	-20.65	0
1st Svy	488	416	0.39	314.89	N 45.1 W	67	415.99	-2.12	1.63	-1.57	2.26	316.04	0.09	-0.06	-9.39	1
Velocity	583	511	0.11	309.60	N 50.4 W	95	510.99	-2.50	1.91	-1.87	2.67	315.69	0.30	-0.29	-5.57	1
Velocity	677	605	0.20	156.53	S 23.5 E	94	604.99	-2.42	1.82	-1.87	2.61	314.19	0.32	0.10	-162.84	1
Velocity	773	701	0.18	301.50	N 58.5 W	96	700.99	-2.38	1.75	-1.93	2.61	312.06	0.38	-0.02	151.01	1
Velocity	868	796	0.60	308.90	N 51.1 W	95	795.99	-2.94	2.14	-2.45	3.25	311.10	0.44	0.44	7.79	1
Velocity	962	890	0.58	285.99	N 74.0 W	94	889.98	-3.68	2.58	-3.29	4.18	308.07	0.25	-0.02	-24.37	1
Velocity	1061	989	0.74	283.74	N 76.3 W	99	988.98	-4.40	2.87	-4.39	5.24	303.13	0.16	0.16	-2.27	1
Velocity	1156	1084	0.95	265.68	S 85.7 W	95	1083.97	-5.03	2.95	-5.77	6.48	297.08	0.35	0.22	-19.01	1
Velocity	1251	1179	1.27	247.90	S 67.9 W	95	1178.95	-5.33	2.50	-7.53	7.94	288.34	0.49	0.34	-18.72	1
Velocity	1345	1273	1.27	255.10	S 75.1 W	94	1272.93	-5.52	1.84	-9.51	9.68	280.94	0.17	0.00	7.66	1
Velocity	1440	1368	0.57	307.70	N 52.3 W	95	1367.91	-6.10	1.86	-10.90	11.05	279.66	1.08	-0.74	55.37	1
Velocity	1535	1463	1.32	357.82	N 2.2 W	95	1462.90	-7.53	3.24	-11.31	11.77	285.97	1.11	0.79	52.76	1
Velocity	1630	1558	0.52	84.58	N 84.6 E	95	1557.89	-8.41	4.37	-10.92	11.77	291.81	1.46	-0.84	91.33	1
Velocity	1725	1653	2.16	154.84	S 25.4 W	95	1652.87	-6.49	2.79	-9.73	10.12	286.03	2.15	1.73	73.75	1
Velocity	1819	1747	2.83	152.66	N 27.3 E	94	1746.78	-2.40	-0.87	-7.90	7.95	263.74	0.72	0.71	-2.11	1
Velocity	1914	1842	1.16	107.85	S 72.7 E	95	1841.72	0.58	-3.24	-5.91	6.74	241.28	2.29	-1.76	-47.69	1
Velocity	2009	1937	2.05	355.42	N 4.6 W	95	1936.70	-0.40	-1.83	-5.13	5.44	250.35	2.85	0.94	261.13	1
Velocity	2104	2032	4.27	338.82	N 21.5 W	95	2031.55	-5.53	3.16	-6.56	7.28	295.69	2.51	2.34	-17.79	1
Velocity	2196	2127	5.19	330.86	N 29.6 W	95	2126.23	-13.34	10.18	-9.98	14.25	315.58	1.20	0.97	-8.59	2
Velocity	2291	2222	6.00	325.77	N 34.2 W	95	2220.77	-22.50	18.02	-14.90	23.38	320.42	0.97	0.85	-4.83	2
Velocity	2386	2317	6.17	312.34	N 47.7 W	95	2315.24	-32.06	25.56	-21.46	33.38	319.99	1.51	0.18	-14.14	2
Velocity	2481	2412	7.11	303.26	N 56.7 W	95	2409.61	-41.66	32.23	-30.15	44.13	316.91	1.48	0.99	-9.56	2
Velocity	2576	2507	6.32	304.95	N 55.1 W	95	2503.95	-51.07	38.45	-39.36	55.02	314.33	0.86	-0.83	1.78	2
Velocity	2671	2602	4.84	301.51	N 58.5 W	95	2598.50	-58.83	43.54	-47.06	64.11	312.78	1.60	-1.56	-3.62	2
Velocity	2767	2698	4.67	297.05	N 63.0 W	96	2694.17	-65.20	47.43	-53.99	71.87	311.30	0.42	-0.18	-4.65	2

Velocity	2861	2792	5.28	307.81	N 52.2 W	94	2787.82	-71.97	51.82	-60.82	79.90	310.44	1.18	0.65	11.45	2
Velocity	2956	2887	5.14	302.60	N 57.4 W	95	2882.43	-79.36	56.80	-67.86	88.49	309.93	0.52	-0.15	-5.48	2
Velocity	3050	2981	5.52	294.64	N 65.4 W	94	2976.02	-86.25	60.95	-75.51	97.04	308.91	0.88	0.40	-8.47	2
Velocity	3144	3075	5.42	302.07	N 57.9 W	94	3069.60	-93.31	65.19	-83.38	105.84	308.02	0.76	-0.11	7.90	2
Velocity	3239	3170	5.51	304.93	N 55.1 W	95	3164.16	-100.93	70.19	-90.92	114.86	307.66	0.30	0.09	3.01	2
Velocity	3334	3265	5.79	302.64	N 57.4 W	95	3258.70	-108.82	75.38	-98.70	124.19	307.37	0.38	0.29	-2.41	2
Velocity	3428	3359	6.21	300.94	N 59.1 W	94	3352.19	-116.93	80.55	-107.05	133.97	306.96	0.49	0.45	-1.81	2
Velocity	3523	3454	6.59	298.11	N 61.9 W	95	3446.60	-125.41	85.76	-116.27	144.48	306.41	0.52	0.40	-2.98	2
Velocity	3617	3548	5.49	293.29	N 66.7 W	94	3540.07	-132.96	90.08	-125.16	154.20	305.74	1.29	-1.17	-5.13	2
Velocity	3712	3643	5.16	287.09	N 72.9 W	95	3634.66	-139.08	93.14	-133.41	162.71	304.92	0.70	-0.35	-6.53	2
Velocity	3807	3738	5.53	294.34	N 65.7 W	95	3729.25	-145.29	96.28	-141.67	171.29	304.20	0.81	0.39	7.63	2
Velocity	3902	3833	5.68	298.23	N 61.8 W	95	3823.80	-152.41	100.39	-149.98	180.48	303.80	0.43	0.16	4.09	2
Velocity	3997	3928	5.87	300.73	N 59.3 W	95	3918.32	-160.07	105.09	-158.30	190.01	303.58	0.33	0.20	2.63	2
Velocity	4092	4023	5.96	305.48	N 54.5 W	95	4012.81	-168.27	110.44	-166.49	199.79	303.56	0.52	0.09	5.00	2
Velocity	4190	4121	5.52	307.94	N 52.1 W	98	4110.32	-176.80	116.29	-174.35	209.57	303.70	0.51	-0.45	2.51	2
Velocity	4285	4216	4.71	307.32	N 52.7 W	95	4204.94	-184.24	121.46	-181.06	218.03	303.86	0.85	-0.85	-0.65	2
Velocity	4380	4311	5.69	299.37	N 60.6 W	95	4299.55	-191.43	126.14	-188.26	226.61	303.82	1.28	1.03	-8.37	2
Velocity	4475	4406	6.46	301.96	N 58.0 W	95	4394.01	-199.62	131.28	-196.90	236.65	303.69	0.86	0.81	2.73	2
Velocity	4570	4501	6.22	303.93	N 56.1 W	95	4488.43	-208.39	136.98	-205.71	247.14	303.66	0.34	-0.25	2.07	2
Velocity	4665	4596	5.76	295.28	N 64.7 W	95	4582.92	-216.34	141.89	-214.29	257.00	303.51	1.07	-0.48	-9.11	2
Velocity	4760	4691	5.94	292.45	N 67.6 W	95	4677.42	-223.50	145.80	-223.14	266.55	303.16	0.36	0.19	-2.98	2
Velocity	4855	4786	5.59	302.80	N 57.2 W	95	4771.94	-230.92	150.18	-231.57	276.01	302.96	1.15	-0.37	10.89	2
Velocity	4950	4881	4.31	307.22	N 52.8 W	95	4866.59	-237.90	154.85	-238.30	284.20	303.02	1.40	-1.35	4.65	2
Velocity	5044	4975	3.43	304.31	N 55.7 W	94	4960.37	-243.38	158.57	-243.44	290.53	303.08	0.96	-0.94	-3.10	2
Velocity	5139	5070	4.66	297.63	N 62.4 W	95	5055.13	-248.81	161.96	-249.21	297.21	303.02	1.38	1.29	-7.03	2
Velocity	5233	5164	6.06	292.70	N 67.3 W	94	5148.72	-255.40	165.65	-257.17	305.90	302.79	1.57	1.49	-5.24	2
Velocity	5327	5258	7.46	287.93	N 72.1 W	94	5242.07	-263.06	169.44	-267.55	316.69	302.35	1.60	1.49	-5.07	2
Velocity	5422	5353	7.88	287.53	N 72.5 W	95	5336.22	-271.47	173.30	-279.63	328.98	301.79	0.45	0.44	-0.42	2
Velocity	5517	5448	7.06	296.75	N 63.3 W	95	5430.41	-280.29	177.89	-291.05	341.11	301.43	1.53	-0.86	9.71	2
Velocity	5611	5542	5.80	301.52	N 58.5 W	94	5523.82	-288.65	182.98	-300.26	351.62	301.36	1.45	-1.34	5.07	2
Velocity	5706	5637	5.14	289.26	N 70.7 W	95	5618.39	-295.51	186.89	-308.37	360.58	301.22	1.41	-0.69	-12.91	2
Velocity	5801	5732	5.55	283.61	N 76.4 W	95	5712.98	-301.21	189.37	-316.85	369.13	300.87	0.70	0.43	-5.95	2
Velocity	5896	5827	5.4	294.35	N 65.7 W	95	5807.54	-307.37	192.32	-325.44	378.02	300.58	1.09	-0.08	11.31	2
Velocity	5991	5922	6.0	299.45	N 60.6 W	95	5902.06	-314.77	196.66	-333.94	387.55	300.49	0.83	0.63	5.37	2
Velocity	6086	6017	5.68	297.38	N 62.6 W	95	5996.56	-322.47	201.29	-342.50	397.27	300.44	0.46	-0.40	-2.18	2
Velocity	6181	6112	4.97	297.24	N 62.8 W	95	6091.15	-329.34	205.34	-350.34	406.08	300.38	0.76	-0.76	-0.15	2
Velocity	6279	6210	5.33	297.06	N 62.9 W	98	6188.76	-336.15	209.35	-358.14	414.84	300.31	0.34	0.34	-0.18	2
Velocity	6374	6305	5.13	302.28	N 57.7 W	95	6283.36	-343.08	213.61	-365.64	423.47	300.29	0.53	-0.18	5.49	2
Velocity	6469	6400	5.52	305.34	N 54.7 W	95	6377.95	-350.53	218.52	-372.96	432.26	300.37	0.51	0.41	3.22	2
Velocity	6564	6495	5.05	300.95	N 59.1 W	95	6472.55	-357.87	223.31	-380.27	440.99	300.42	0.65	-0.49	-4.62	2
Velocity	6659	6590	4.97	292.11	N 67.9 W	95	6567.19	-364.24	227.01	-387.67	449.25	300.35	0.82	-0.08	-9.31	2
Velocity	6754	6685	4.90	292.97	N 67.0 W	95	6661.84	-370.16	230.15	-395.22	457.35	300.21	0.11	-0.07	0.91	2
Velocity	6849	6780	5.92	298.13	N 61.9 W	95	6756.41	-376.97	234.04	-403.28	466.27	300.13	1.19	1.07	5.43	2

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Velocity	6943	6874	6.67	298.29	N 61.7 W	94	6849.84	-385.10	238.91	-412.36	476.57	300.09	0.80	0.80	0.17	2
Velocity	7038	6969	6.14	301.09	N 58.9 W	95	6944.25	-393.61	244.15	-421.57	487.16	300.08	0.65	-0.56	2.95	2
Velocity	7133	7064	5.31	302.02	N 58.0 W	95	7038.78	-401.40	249.10	-429.64	496.64	300.10	0.88	-0.87	0.98	2
Velocity	7228	7159	4.96	296.94	N 63.1 W	95	7133.40	-408.22	253.30	-437.03	505.13	300.10	0.60	-0.37	-5.35	2
Velocity	7323	7254	5.46	290.99	N 69.0 W	95	7228.00	-414.59	256.78	-444.91	513.69	299.99	0.77	0.53	-6.26	2
Velocity	7417	7348	5.20	298.27	N 61.7 W	94	7321.60	-421.10	260.39	-452.84	522.37	299.90	0.77	-0.28	7.74	2
Velocity	7512	7443	4.95	307.13	N 52.9 W	95	7416.23	-428.08	264.91	-459.90	530.74	299.94	0.86	-0.26	9.33	2
Velocity	7607	7538	5.18	311.58	N 48.4 W	95	7510.86	-435.56	270.23	-466.38	539.01	300.09	0.48	0.24	4.68	2
Velocity	7702	7633	5.59	308.48	N 51.5 W	95	7605.44	-443.56	275.95	-473.21	547.79	300.25	0.53	0.43	-3.26	2
Velocity	7796	7727	6.55	299.09	N 60.9 W	94	7698.91	-451.89	281.41	-481.48	557.68	300.31	1.47	1.02	-9.99	2
Velocity	7891	7822	6.18	293.79	N 66.2 W	95	7793.33	-459.99	286.11	-490.89	568.18	300.23	0.73	-0.39	-5.58	2
Velocity	7985	7916	5.91	292.64	N 67.4 W	94	7886.80	-467.23	290.01	-499.99	578.01	300.12	0.31	-0.29	-1.22	2
Velocity	8079	8010	6.01	297.51	N 62.5 W	94	7980.30	-474.58	294.15	-508.82	587.72	300.03	0.55	0.11	5.18	2
Velocity	8173	8104	6.22	303.85	N 56.2 W	94	8073.76	-482.73	299.26	-517.41	597.72	300.04	0.75	0.22	6.74	2
Velocity	8261	8191	6.81	305.67	N 54.3 W	87	8160.20	-491.16	304.89	-525.52	607.56	300.12	0.72	0.68	2.09	3
Velocity	8356	8286	7.59	303.74	N 56.3 W	95	8254.45	-501.30	311.66	-535.31	619.42	300.21	0.86	0.82	-2.03	3
Velocity	8450	8380	4.86	295.32	N 64.7 W	94	8347.89	-509.56	316.81	-544.07	629.59	300.21	3.05	-2.90	-8.96	3
Velocity	8544	8474	2.55	290.44	N 69.6 W	94	8441.69	-514.03	319.24	-549.63	635.62	300.15	2.48	-2.46	-5.19	3
Velocity	8639	8569	2.99	302.57	N 57.4 W	95	8536.58	-517.57	321.32	-553.70	640.18	300.13	0.77	0.46	12.77	3
Velocity	8734	8664	4.91	310.49	N 49.5 W	95	8631.35	-523.29	325.29	-558.88	646.65	300.20	2.10	2.02	8.34	3
Velocity	8829	8759	5.90	312.24	N 47.8 W	95	8725.92	-531.42	331.21	-565.59	655.43	300.35	1.06	1.04	1.84	3
Velocity	8924	8854	5.25	314.78	N 45.2 W	95	8820.47	-539.93	337.56	-572.29	664.42	300.53	0.73	-0.68	2.67	3
Velocity	9018	8948	3.01	319.84	N 40.2 W	94	8914.22	-546.30	342.47	-576.93	670.92	300.69	2.41	-2.38	5.38	3
Velocity	9113	9043	2.90	325.96	N 34.0 W	95	9009.10	-551.06	346.37	-579.89	675.46	300.85	0.35	-0.12	6.44	3
Velocity	9208	9138	3.55	333.37	N 26.6 W	95	9103.95	-556.36	350.99	-582.55	680.12	301.07	0.81	0.68	7.80	3
Velocity	9303	9233	2.42	340.48	N 19.5 W	95	9198.82	-561.30	355.51	-584.54	684.16	301.31	1.25	-1.19	7.48	3
Velocity	9390	9320	2.23	345.56	N 14.4 W	87	9285.75	-564.80	358.88	-585.57	686.80	301.50	0.32	-0.22	5.84	3
3rd Party	9403	9371	2.46	348.89	N 11.1 W	51	9336.70	-566.85	360.91	-586.03	688.25	301.63	0.52	0.45	6.53	4
3rd Party	9498	9466	4.54	140.55	S 39.5 E	95	9431.62	-565.22	360.01	-584.03	686.08	301.65	7.16	2.19	-219.31	4
3rd Party	9591	9559	12.96	141.75	S 38.3 E	93	9523.46	-551.55	348.96	-575.22	672.80	301.24	9.06	9.05	1.29	4
3rd Party	9687	9655	21.26	145.64	S 34.4 E	96	9615.13	-523.96	326.10	-558.71	646.91	300.27	8.72	8.65	4.05	4
3rd Party	9782	9750	28.10	153.48	S 26.5 E	95	9701.42	-484.62	291.81	-538.97	612.89	298.43	7.97	7.20	8.25	4
3rd Party	9876	9844	36.67	154.48	S 25.5 E	94	9780.73	-434.36	246.59	-516.95	572.75	295.50	9.13	9.12	1.06	4
3rd Party	9970	9938	45.01	158.23	S 21.8 E	94	9851.79	-372.97	190.28	-492.48	527.96	291.13	9.24	8.87	3.99	4
3rd Party	10065	10033	48.95	161.19	S 18.8 E	95	9916.60	-303.67	125.14	-468.46	484.89	284.96	4.73	4.15	3.12	4
3rd Party	10160	10128	58.14	160.33	S 19.7 E	95	9972.99	-227.59	53.09	-443.27	446.44	276.83	9.70	9.67	-0.91	4
3rd Party	10255	10223	66.90	159.77	S 20.2 E	95	10016.79	-143.58	-26.05	-414.53	415.35	266.40	9.24	9.22	-0.59	4
3rd Party	10350	10318	75.00	158.79	S 21.2 E	95	10047.77	-53.99	-109.97	-382.77	398.25	253.97	8.58	8.53	-1.03	4
3rd Party	10444	10412	83.00	158.83	S 21.2 E	94	10065.69	38.11	-195.93	-349.44	400.62	240.72	8.51	8.51	0.04	4
3rd Party	10539	10507	91.96	161.23	S 18.8 E	95	10074.83	132.44	-284.79	-317.16	426.26	228.08	4.00	3.12	2.53	4
3rd Party	10634	10602	86.22	156.82	S 23.2 E	95	10081.31	227.08	-373.26	-283.24	468.56	217.19	4.64	0.27	-4.64	4
3rd Party	10729	10697	87.11	153.01	S 27.0 E	95	10086.84	321.88	-459.14	-243.04	519.50	207.89	4.11	0.94	-4.01	4
3rd Party	10824	10792	87.13	152.87	S 27.1 E	95	10091.61	416.60	-543.63	-199.88	579.21	200.19	0.15	0.02	-0.15	4

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3rd Party	10919	10887	87.96	153.21	S 26.8 E	95	10095.68	511.37	-628.23	-156.85	647.52	194.02	0.94	0.87	0.36	4
3rd Party	11013	10981	87.94	152.72	S 27.3 E	94	10099.04	605.17	-711.91	-114.15	721.00	189.11	0.52	-0.02	-0.52	4
3rd Party	11109	11077	87.91	153.03	S 27.0 E	96	10102.52	700.94	-797.29	-70.41	800.39	185.05	0.32	-0.03	0.32	4
3rd Party	11203	11171	88.93	154.18	S 25.8 E	94	10105.11	794.81	-881.46	-28.64	881.92	181.86	1.63	1.09	1.22	4
3rd Party	11298	11266	89.00	153.69	S 26.3 E	95	10106.83	889.72	-966.78	13.10	966.87	179.22	0.52	0.07	-0.52	4
3rd Party	11394	11362	88.91	154.40	S 25.6 E	96	10108.58	985.64	-1053.08	55.11	1054.52	177.00	0.75	-0.09	0.74	4
3rd Party	11489	11457	88.86	154.36	S 25.6 E	95	10110.43	1080.57	-1138.73	96.18	1142.78	175.17	0.07	-0.05	-0.04	4
3rd Party	11584	11552	89.02	153.89	S 26.1 E	95	10112.18	1175.49	-1224.19	137.63	1231.90	173.59	0.52	0.17	-0.49	4
3rd Party	11678	11646	88.89	154.14	S 25.9 E	94	10113.90	1269.41	-1308.67	178.81	1320.83	172.22	0.30	-0.14	0.27	4
3rd Party	11772	11740	88.69	153.84	S 26.2 E	94	10115.88	1363.32	-1393.13	220.02	1410.40	171.03	0.38	-0.21	-0.32	4
3rd Party	11961	11929	89.04	153.03	S 27.0 E	189	10119.63	1552.07	-1562.14	304.53	1591.55	168.97	0.47	0.19	-0.43	4
3rd Party	12056	12024	88.92	153.02	S 27.0 E	95	10121.32	1646.91	-1646.80	347.61	1683.08	168.08	0.13	-0.13	-0.01	4
3rd Party	12150	12118	89.52	153.01	S 27.0 E	94	10122.60	1740.75	-1730.55	390.26	1774.01	167.29	0.64	0.64	-0.01	4
3rd Party	12245	12213	89.42	154.36	S 25.6 E	95	10123.48	1835.66	-1815.70	432.37	1866.47	166.61	1.42	-0.11	1.42	4
3rd Party	12339	12307	89.08	152.18	S 27.8 E	94	10124.71	1929.52	-1899.64	474.65	1958.04	165.97	2.35	-0.36	-2.32	4
3rd Party	12528	12496	89.45	152.20	S 27.8 E	189	10127.13	2118.05	-2066.80	562.81	2142.06	164.77	0.20	0.20	0.01	4
3rd Party	12622	12590	89.47	152.06	S 27.9 E	94	10128.02	2211.81	-2149.89	606.75	2233.87	164.24	0.15	0.02	-0.15	4
3rd Party	12717	12685	89.19	152.31	S 27.7 E	95	10129.13	2306.57	-2233.91	651.08	2326.86	163.75	0.40	-0.29	0.26	4
3rd Party	12812	12780	89.41	152.49	S 27.5 E	95	10130.29	2401.36	-2318.10	695.09	2420.07	163.31	0.30	0.23	0.19	4
3rd Party	12907	12875	89.18	152.17	S 27.8 E	95	10131.46	2496.14	-2402.22	739.20	2513.38	162.90	0.41	-0.24	-0.34	4
3rd Party	13002	12970	89.18	152.61	S 27.4 E	95	10132.82	2590.92	-2486.40	783.23	2606.84	162.52	0.46	0.00	0.46	4
3rd Party	13192	13160	89.45	152.51	S 27.5 E	190	10135.09	2780.53	-2655.01	870.77	2794.16	161.84	0.15	0.14	-0.05	4
3rd Party	13380	13348	88.56	152.58	S 27.4 E	188	10138.35	2968.12	-2821.81	957.44	2979.81	161.26	0.47	-0.47	0.04	4
3rd Party	13475	13443	88.43	152.87	S 27.1 E	95	10140.85	3062.91	-2906.22	1000.96	3073.76	161.00	0.33	-0.14	0.31	4
3rd Party	13570	13538	88.60	152.82	S 27.2 E	95	10143.31	3157.72	-2990.72	1044.30	3167.80	160.75	0.19	0.18	-0.05	4
3rd Party	13664	13632	88.32	152.70	S 27.3 E	94	10145.84	3251.52	-3074.26	1087.31	3260.88	160.52	0.32	-0.30	-0.13	4
3rd Party	13759	13727	88.54	153.44	S 26.6 E	95	10148.44	3346.34	-3158.93	1130.32	3355.06	160.31	0.81	0.23	0.78	4
3rd Party	13854	13822	88.83	152.95	S 27.1 E	95	10150.62	3441.19	-3243.70	1173.15	3449.33	160.12	0.60	0.31	-0.52	4
3rd Party	13949	13917	88.99	152.75	S 27.3 E	95	10152.43	3536.01	-3328.21	1216.49	3543.57	159.92	0.27	0.17	-0.21	4
3rd Party	14044	14012	88.78	154.04	S 26.0 E	95	10154.28	3630.88	-3413.14	1259.03	3637.95	159.75	1.38	-0.22	1.36	4
3rd Party	14139	14107	88.92	153.87	S 26.1 E	95	10156.18	3725.79	-3498.47	1300.73	3732.45	159.60	0.23	0.15	-0.18	4
3rd Party	14234	14202	89.05	155.96	S 24.0 E	95	10157.87	3820.74	-3584.49	1341.00	3827.12	159.49	2.20	0.14	2.20	4
3rd Party	14329	14297	88.89	154.93	S 25.1 E	95	10159.57	3915.72	-3670.89	1380.47	3921.88	159.39	1.10	-0.17	-1.08	4
3rd Party	14424	14392	89.78	152.93	S 27.1 E	95	10160.68	4010.63	-3756.21	1422.22	4016.44	159.26	2.30	0.94	-2.11	4
3rd Party	14518	14486	89.92	155.65	S 24.4 E	94	10160.92	4104.57	-3840.90	1462.99	4110.09	159.15	2.90	0.15	2.89	4
3rd Party	14613	14581	89.03	153.59	S 26.4 E	95	10160.96	4199.53	-3926.72	1503.71	4204.79	159.05	2.17	0.12	-2.17	4
3rd Party	14708	14676	89.02	152.90	S 27.1 E	95	10160.92	4294.41	-4011.55	1546.47	4299.32	158.92	0.73	-0.01	-0.73	4
3rd Party	14802	14770	89.19	152.89	S 27.1 E	94	10160.75	4388.25	-4095.23	1589.30	4392.81	158.79	0.18	0.18	-0.01	4
3rd Party	14897	14865	89.90	152.89	S 27.1 E	95	10161.50	4483.09	-4179.79	1632.59	4487.31	158.66	1.36	-1.36	0.00	4
3rd Party	14992	14960	89.01	152.81	S 27.2 E	95	10163.24	4577.92	-4264.30	1675.94	4581.82	158.54	0.14	0.12	-0.08	4
3rd Party	15086	15054	89.02	153.76	S 27.2 E	94	10164.85	4671.74	-4347.89	1718.92	4675.34	158.43	0.05	0.01	-0.05	4
3rd Party	15181	15149	87.52	153.53	S 26.5 E	95	10167.72	4766.56	-4432.60	1761.81	4769.90	158.32	1.77	-1.58	0.81	4
3rd Party	15277	15245	87.45	154.12	S 25.9 E	96	10171.93	4862.38	-4518.67	1804.12	4865.51	158.24	0.62	-0.07	0.61	4

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3rd Party	15371	15339	87.59	153.68	S 26.3 E	94	10176.00	4956.22	-4603.00	1845.43	4959.16	158.15	0.49	0.15	-0.47	4
3rd Party	15466	15434	87.04	153.37	S 26.6 E	95	10180.45	5051.01	-4687.95	1887.74	5053.75	158.07	0.66	-0.58	-0.33	4
3rd Party	15561	15529	87.21	152.55	S 27.5 E	95	10185.22	5145.74	-4772.46	1930.87	5148.26	157.97	0.88	0.18	-0.86	4
3rd Party	15655	15623	86.93	153.28	S 26.7 E	94	10190.02	5239.47	-4856.04	1973.61	5241.78	157.88	0.83	-0.30	0.78	4
3rd Party	15750	15718	86.31	153.30	S 26.7 E	95	10195.62	5334.18	-4940.75	2016.24	5336.32	157.80	0.65	-0.65	0.02	4
3rd Party	15845	15813	86.55	153.64	S 26.4 E	95	10201.54	5428.89	-5025.58	2058.59	5430.86	157.72	0.44	0.25	0.36	4
3rd Party	15940	15908	86.47	153.63	S 26.4 E	95	10207.32	5523.62	-5110.54	2100.70	5525.45	157.65	0.08	-0.08	-0.01	4
3rd Party	16034	16002	86.60	152.77	S 27.2 E	94	10213.00	5617.32	-5194.29	2143.01	5619.00	157.58	0.92	0.14	-0.91	4
3rd Party	16129	16097	87.98	153.05	S 27.0 E	95	10217.49	5712.06	-5278.77	2186.22	5713.58	157.50	1.48	1.45	0.29	4
3rd Party	16224	16192	88.88	153.57	S 26.4 E	95	10220.10	5806.90	-5363.62	2228.87	5808.29	157.43	1.09	0.95	0.55	4
3rd Party	16319	16287	88.71	152.69	S 27.3 E	95	10222.09	5901.75	-5448.34	2271.80	5903.01	157.37	0.94	-0.18	-0.93	4
3rd Party	16414	16382	89.52	152.50	S 27.5 E	95	10223.56	5996.55	-5532.67	2315.52	5997.67	157.29	0.88	0.85	-0.20	4
3rd Party	16508	16476	89.53	153.18	S 26.8 E	94	10224.34	6090.38	-5616.30	2358.43	6091.39	157.22	0.72	0.01	0.72	4
3rd Party	16603	16571	89.28	151.83	S 28.2 E	95	10225.33	6185.18	-5700.57	2402.28	6186.07	157.15	1.45	-0.26	-1.42	4
3rd Party	16698	16666	89.32	152.04	S 28.0 E	95	10226.49	6279.91	-5784.39	2446.97	6280.67	157.07	0.23	0.04	0.22	4
3rd Party	16793	16761	89.37	152.24	S 27.8 E	95	10227.57	6374.67	-5868.37	2491.37	6375.32	157.00	0.22	0.05	0.21	4
3rd Party	16887	16855	89.23	153.49	S 26.5 E	94	10228.72	6468.50	-5952.02	2534.23	6469.07	156.94	1.34	-0.15	1.33	4
3rd Party	16982	16950	89.61	152.80	S 27.2 E	95	10229.68	6563.37	-6036.77	2577.15	6563.86	156.88	0.83	0.40	-0.73	4
3rd Party	17076	17044	89.41	153.39	S 26.6 E	94	10230.49	6657.23	-6120.59	2619.68	6657.65	156.83	0.66	-0.21	0.63	4
3rd Party	17172	17140	89.11	153.95	S 26.1 E	96	10231.73	6753.13	-6206.62	2662.26	6753.50	156.78	0.66	-0.31	0.58	4
3rd Party	17266	17234	89.95	156.36	S 23.6 E	94	10232.50	6847.10	-6291.91	2701.75	6847.45	156.76	2.71	0.89	2.56	4
3rd Party	17361	17329	89.42	155.62	S 24.4 E	95	10233.02	6942.10	-6378.69	2740.40	6942.44	156.75	0.96	-0.56	-0.78	4
3rd Party	17524	17492	89.28	153.60	S 26.4 E	163	10234.87	7105.02	-6525.93	2810.28	7105.31	156.70	1.24	-0.09	-1.24	4
3rd Party	17550	17518	89.35	152.88	S 27.1 E	26	10235.18	7130.98	-6549.14	2821.99	7131.26	156.69	2.78	0.27	-2.77	4
3rd Party	17644	17612	89.51	153.22	S 26.8 E	94	10236.12	7224.83	-6632.93	2864.59	7225.07	156.64	0.40	0.17	0.36	4
3rd Party	17739	17707	89.02	152.49	S 27.5 E	95	10237.33	7319.67	-6717.46	2907.93	7319.86	156.59	0.93	-0.52	-0.77	4
3rd Party	17834	17802	89.35	153.37	S 26.6 E	95	10238.69	7414.50	-6802.04	2951.16	7414.65	156.55	0.99	0.35	0.93	4
3rd Party	17929	17897	89.32	151.99	S 28.0 E	95	10239.79	7509.32	-6886.44	2994.75	7509.43	156.50	1.45	-0.03	-1.45	4
3rd Party	18023	17991	89.05	152.51	S 27.5 E	94	10241.13	7603.09	-6969.62	3038.52	7603.17	156.44	0.62	-0.29	0.55	4
3rd Party	18070	18038	88.92	152.90	S 27.1 E	47	10241.96	7649.99	-7011.38	3060.07	7650.06	156.42	0.87	-0.28	0.83	4
3rd Party	18118	18086	89.31	152.81	S 27.2 E	48	10242.70	7697.91	-7054.09	3081.96	7697.96	156.40	0.83	0.81	-0.19	4
3rd Party	18165	18133	89.05	152.09	S 27.9 E	47	10243.37	7744.80	-7095.75	3103.70	7744.85	156.38	1.63	-0.55	-1.53	4
3rd Party	18213	18181	89.06	151.92	S 28.1 E	48	10244.16	7792.67	-7138.13	3126.23	7792.70	156.35	0.35	0.02	-0.35	4
3rd Party	18309	18277	89.15	152.49	S 27.5 E	96	10245.66	7888.42	-7223.04	3170.99	7888.44	156.30	0.60	0.09	0.59	4
Last Svy	18403	18371	88.88	152.62	S 27.4 E	94	10247.28	7982.22	-7306.45	3214.31	7982.23	156.25	0.32	-0.29	0.14	4
Projection	18452	18452	88.88	152.62	S 27.4 E	81	10248.86	8063.05	-7378.36	3251.55	8063.05	156.22	0.00	0.00	0.00	4

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